

Datasheet for ABIN3028571
anti-KIT antibody (AA 9-40)



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5 Images

Overview

Quantity:	0.4 mL
Target:	KIT
Binding Specificity:	AA 9-40
Reactivity:	Human, Primate
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 9-40 from the human protein was used as the immunogen for this cKit antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	KIT
Alternative Name:	cKit (KIT Products)
Background:	C-Kit is a Tyrosine-protein kinase that acts as cell-surface receptor for the cytokine KITLG/SCF and plays an essential role in the regulation of cell survival and proliferation, hematopoiesis, stem cell maintenance, gametogenesis, mast cell development, migration and function, and in

Target Details

	melanogenesis. [UniProt]
UniProt:	P10721
Pathways:	RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Sensory Perception of Sound , Stem Cell Maintenance , Production of Molecular Mediator of Immune Response , Regulation of long-term Neuronal Synaptic Plasticity

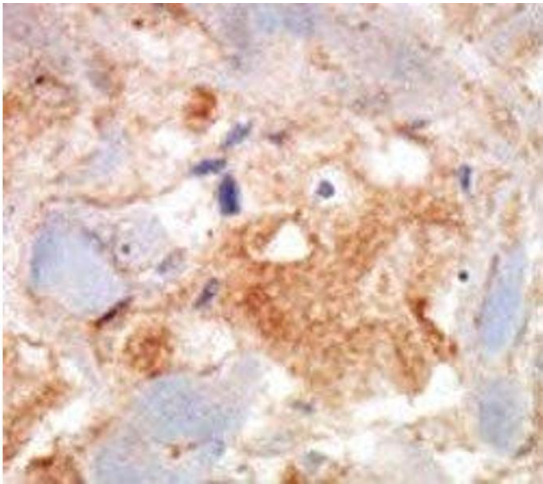
Application Details

Application Notes:	Titration of the cKit antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50,Flow Cytometry: 1:10-1:50
Restrictions:	For Research Use only

Handling

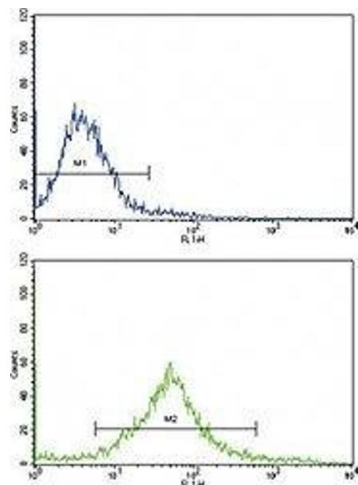
Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the cKit antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



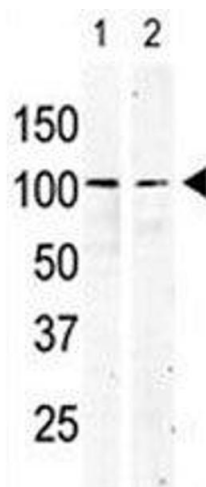
Immunohistochemistry

Image 1. cKit antibody was used in immunohistochemistry on breast carcinoma.



Flow Cytometry

Image 2. Flow cytometric analysis of HeLa cells using cKit antibody (green) compared to a negative control cell (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western Blotting

Image 3. cKit antibody used in western blot to detect KIT in serum-starved HeLa cell lysate (lane 1) and primate testis tissue lysate (2).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3028571.